

ELECTRIC CATALOGUE No. 25

Established 1855

American Reflector Co.

PATENT

DIAMOND DIFFUSIVE
REFLECTORS

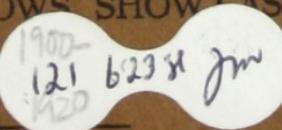
FOR GAS, OIL *and* ELECTRIC LIGHT

Catalogue of Reflectors for Electric Light

SUITABLE FOR LIGHTING

CHURCHES, HALLS, THEATRES, STORES,
STORE-WINDOWS, SHOW CASES.

RUG-R



MANUFACTURED BY

KLEMM & CO.

132 North Fifth Street, Corner of Cherry Street

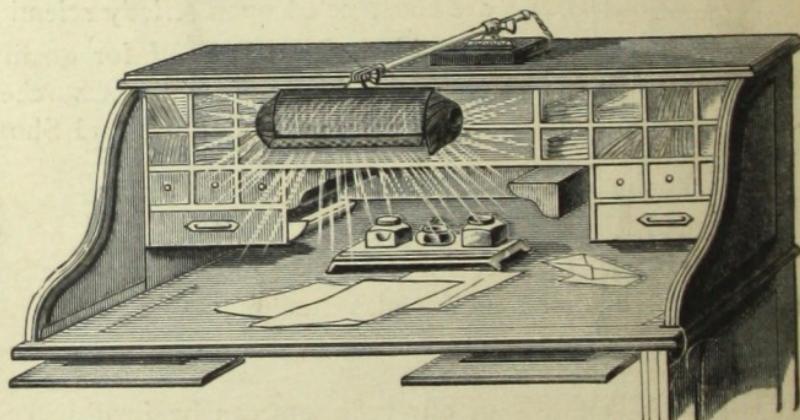
PHILADELPHIA

"KLEMM" ADJUSTABLE SHADES

For Rolling-Top Desks

"Klemm" adjustable shades have a bright Corrugated Reflector on the inside, lacquered to prevent tarnishing.

Arranged to be adjustable, throwing a strong light over the whole interior of desk.



No. 232

With Portable Slate Base

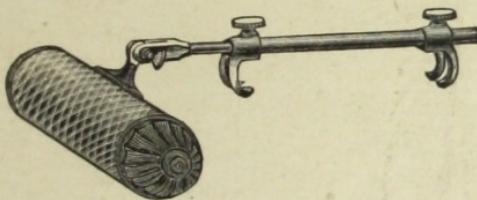
The shade can be moved in and out, and set at any angle.

No. 230 Shade, with fittings to screw on top of desk.....	\$3 50
No. 231 " same as No. 230 (for two lights).....	4 00
No. 232 " with portable slate base.....	4 00
No. 233 " same as No. 232 (for two lights).....	4 50

Finished Green with Brass arms and fittings.

Special Finishes. Any of the "Klemm" adjustable shades can be finished
Polished Brass, at 50 per cent additional cost
Brush Brass " 50 " " "
Oxidized Copper " 20 " " "
Nickel Plated " 50 " " "

"KLEMM" ADJUSTABLE SHADES
For Rolling-Top Desks



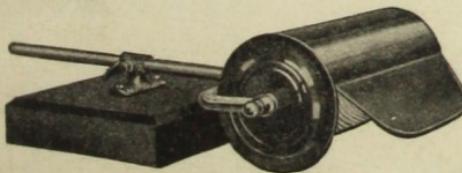
No. 761

With Adjustable Desk Clamp

The adjustable clamp will fasten on the top of a rolling-top desk and the arm slides in and out the clamp and fastens with a set-screw and the shade can be set at any angle.

No. 761 Shade, with adjustable clamp.....\$4 00
No. 762 " same as No. 761 (for two lights)..... 4 50

Finished Green with Brass arms and fittings.



No. 400

With Portable Slate Base

Bright Corrugated Reflector inside and finished Brush Brass outside.

Price List of No. 400 Shade With Different Attachments

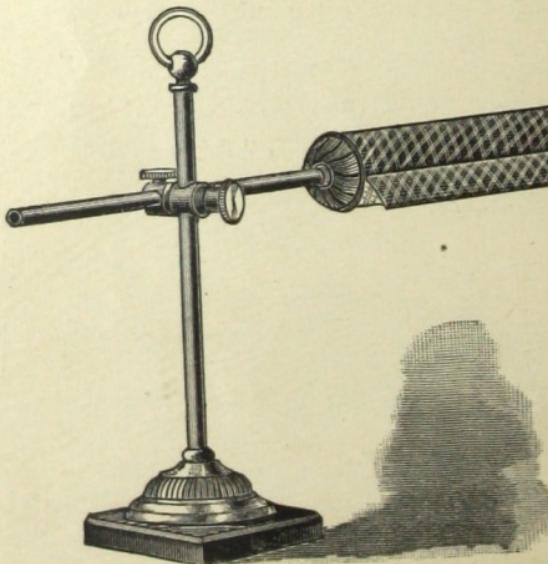
No. 400	Shade	.....	\$5 00
No. 400x230	" with fitting same as No. 230.	.....	4 50
No. 400x761	" slide " " " 761.	.....	5 00
No. 400x236	" stand " " " 236.	.....	7 00
No. 400x237	" " " " " 237.	.....	11 00

These shades can be finished Oxidized Copper at 20% additional cost.

"KLEMM" ADJUSTABLE SHADES

For Flat-Top Desks, Pulpits and Typewriter Desks

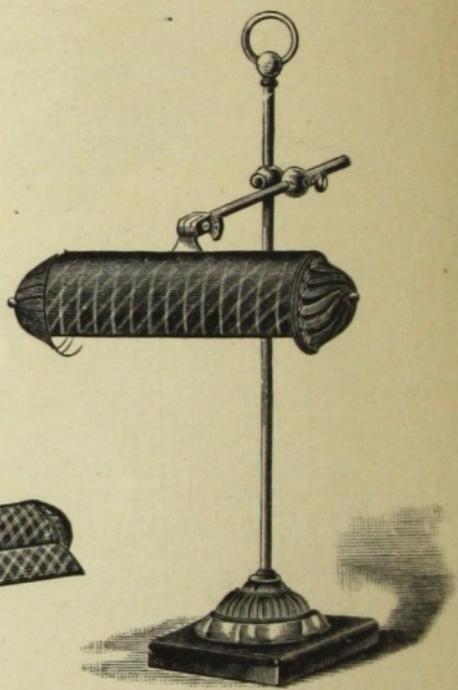
Finished Green, with Brass arms and fittings. *Special finishes see page 3.*



No. 750

With Extension Portable Stand

The arm can be moved up and down, in and out, and the shade can be adjusted at any angle.



No. 236

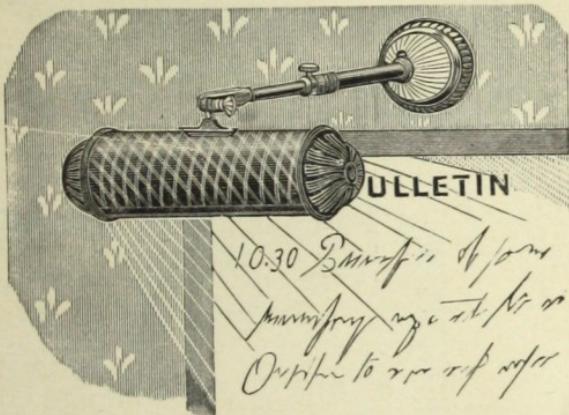
With Extension Portable Stand

The arm can be moved up and down, in and out, and the shade can be adjusted at any angle.

No. 236 Shade, with portable stand.....	\$5 50
No. 237 " same as No. 236 (with two shades for one light each)	8 50
No. 750 " with portable extension stand.....	5 00

"KLEMM" ADJUSTABLE SHADES
For Bulletin-Boards, Pictures and Desks

Finished Green
with Brass arms
and fittings. Spe-
cial finishes see
page 3.



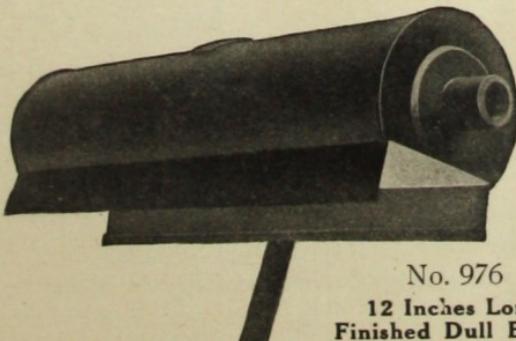
No. 754

With Extension Bracket

The bracket is screwed against the wall, and the arm can be moved in and out, and the shade can be adjusted at any angle.

No. 754 Shade, with extension bracket.....	\$4 50
No. 755 " same as No. 754 (for two lights).....	5 00

"KLEMM" ORCHESTRA SHADES
For Attaching to Music Stands

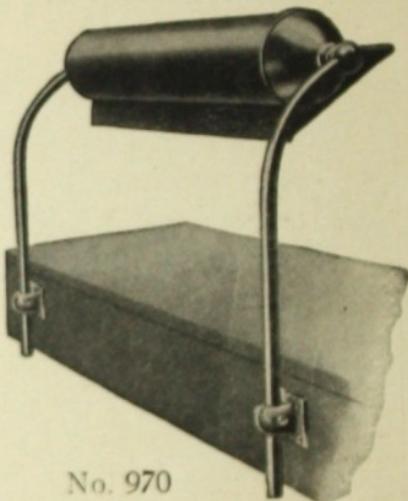


No. 976

**12 Inches Long
Finished Dull Black**

No. 976 for one light.....	\$2 50
No. 978 same as No. 976, with a sliding shutter to close opening..	4 00
Socket and wiring extra.	

"KLEMM" ADJUSTABLE REFLECTORS
For Pulpits and Reading Desks



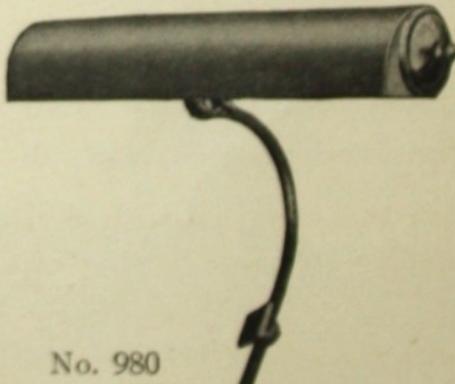
No. 970

Adjustable to any angle or height to reflect the light on pulpit or desk and keep it out of the eyes of the speaker and audience. Lined with Corrugated Reflector 15 inches long for tubular lamp.

No. 970, finished Brush Brass..... \$10.00
No. 971, " Dull Black or Green..... 6.50

Socket and wiring extra.

For Picture Lighting



No. 980

Arranged with swivel-joint on the bracket so that reflector can be adjusted to required angle. Fastened to back of frame with a sliding fitting. 2½ inches wide. Finished gold bronze.

Lined with Corrugated Polished Nickel

No. 980—10 inches long for 1 light..... \$8.50
No. 981—17 " " " 2 " 10.00

Lined with Corrugated Silvered Glass

No. 980 S. G.—10 inches long for 1 light..... \$10.00
No. 981 S. G.—17 " " " 2 " 12.50

Prices include sockets and wiring.

"KLEMM" ADJUSTABLE REFLECTORS

For Picture Lighting

Hung on curved brackets and adjusted to required angle with set-screws at the ends. The brackets are fastened on back of the picture with slides having set-screws.

Position of the reflector can be raised or lowered and angle adjusted to reflect the light where it is wanted. Made in length to fit the width of picture.



No. 960

Lined With Corrugated Polished Metal

No. 960—(3 inches wide).....	@ \$2 25 per foot
No. 962—(4 " ").....	" 2 50 " "
No. 964—(5 " ").....	" 2 75 " "

Lined With Corrugated Silvered Glass

No. 960—S. G. 3 inches wide.....	@ \$3 25 per foot
No. 962—S. G. 4 " "	" 3 50 " "
No. 964—S. G. 5 " "	" 4 00 " "

Sockets and wiring \$1.00 per light extra.

Brackets are charged extra @ \$3.00 to \$4.50 per Reflector, according to the size necessary to be used in lighting the picture.

Finished Gold-Bronzed. Can be finished Brush Brass or Statuary Bronze, @ 50% additional

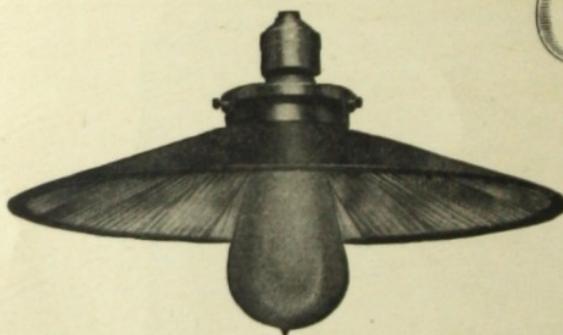
IN ORDERING, state exact height and width of canvas, and also width of frame, and style or subject of picture, so that we can furnish correct sizes of Reflector and brackets to properly light it.

"KLEMM" FLAT AND CONVEX SHADES

For General Lighting Use



No. 1778



No. 1774

Corrugated Silvered Glass Shades

Size	No. 1774	No. 1778
	Flat	Convex
8 inch for 2½ inch holder.....	\$1 40	\$1 50
10 " " " "	1 55	1 70
12 " " " "	1 75	2 00
14 " " " "	2 20	2 50
16 " " 3¼ " "	2 70	3 25
18 " " " "	3 75	4 50
20 " " " "	5 00	6 00
24 " " " "	6 75	

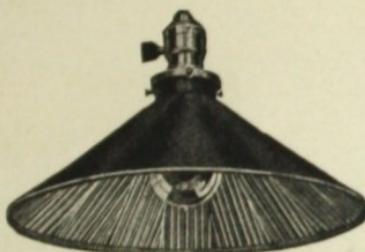
Plain Mirror Shades

Size	No. 1776	No. 1780
	Flat	Convex
8 inch for 2½ inch holder.....	\$1 30	\$1 40
10 " " " "	1 50	1 60
12 " " " "	1 55	1 85
14 " " " "	2 00	2 30
16 " " 3¼ " "	2 50	3 00
18 " " " "	3 50	4 20
20 " " " "	4 60	5 75
24 " " " "	6 40	

Sizes 18 inches and larger can be used with cluster body under the reflectors, if a cluster of lamps is desired.

"KLEMM" DEEP CONE SHADES

Finished green or black on the outside



No. 1770

Corrugated Silvered Glass Shades

Size		No. 1770	No. 1771
		4 3/4 inch deep	6 inch deep
8 inch	for 2 1/4 inch holder	\$1 50	\$1 75
10 "	" " "	1 65	2 00
12 "	" " "	2 00	2 50
15 "	" 3 1/4 "	3 00	3 75

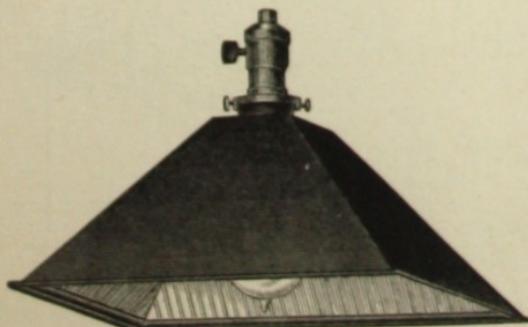
No. 1772

Plain Mirror Shades

Size		No. 1772	No. 1773
		4 3/4 inch deep	6 inch deep
8 inch	for 2 1/4 inch holder	\$1 40	\$1 60
10 "	" " "	1 55	1 80
12 "	" " "	1 90	2 30
15 "	" 3 1/4 "	2 75	3 50

"Klemm" Billiard Shades

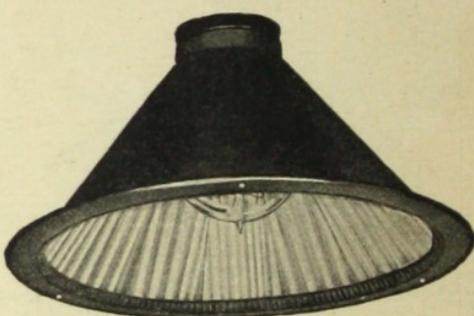
Three or four of these shades hung in a straight line over a billiard table make a good light on the table, and shade is deep enough to keep the light from glaring the eyes.



No. 290 Corrugated Tin for 2 1/4 inch holder..... \$1 60
No. 296 Aluminum Bronzed for 2 1/4 inch holder..... 1 75

"KLEMM" CEILING REFLECTORS

For inserting in ceilings of Show-Windows, leaving only a $\frac{1}{2}$ inch
Aluminum band showing on the face of ceiling.



No. 1070

Corrugated Silvered Glass Reflectors

4 $\frac{3}{4}$ inches deep

Size		
8 inch (diameter of reflector)	.....	\$1 80
10 " ( " " " )	.....	2 00
12 " ( " " " )	.....	2 50

No. 1072

Plain Mirror Glass Reflectors

4 $\frac{3}{4}$ inches deep

Size		
8 inch (diameter of reflector)	.....	\$1 65
10 " ( " " " )	.....	1 80
12 " ( " " " )	.....	2 30

No. 1074

Corrugated Silvered Glass Reflectors

6 inches deep

Size		
10 inch (diameter of reflector)	.....	\$2 40
12 " ( " " " )	.....	2 80

No. 1076

Plain Mirror Glass Reflectors

6 inches deep

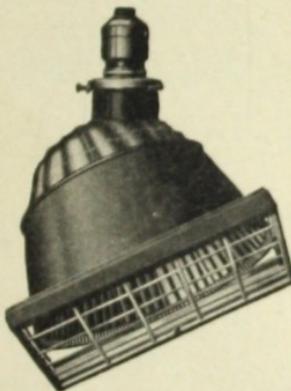
Size		
10 inch (diameter of reflector)	.....	\$2 25
12 " ( " " " )	.....	2 60

"KLEMM" ANGLED WINDOW REFLECTORS

For lighting windows and places where the light is required to be reflected at an angle.



No. 1121



No. 1121 with color screen

Silvered Glass Angled Reflectors

Size

No. 1121 8 inch Corrugated Silvered Glass.....	\$2 40
No. 1124 8 " Corrugated Polished Tin.....	1 40
No. 1121S Frame and Screen for Colored Gelatin.....	2 15



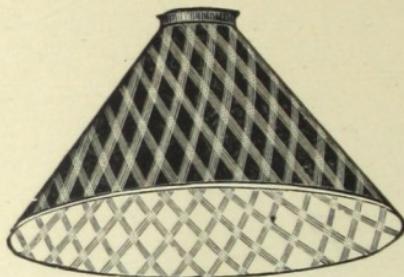
No. 1122

Silvered Glass Angled Reflector

Size

No. 1122 10 inch Corrugated Silvered Glass.....	\$3 75
No. " 12 " " " "	4 50
No. 1126 10 " Corrugated Polished Tin.....	2 25
No. 1122S Frame and Screen for Colored Gelatin.....	2 25

"KLEMM" BRIGHT CORRUGATED TIN SHADES

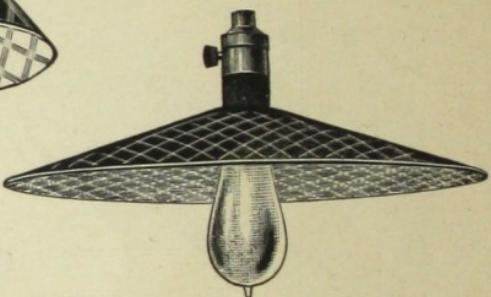


No. 240

Deep Corrugated Shades

4½ inches deep

7 inch.....per dozen,	\$6 00
10 " " "	6 00
12 " " "	7 00



No. 244

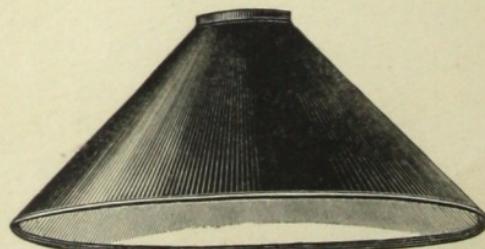
Extra Deep Corrugated Tin Shades

6 inches deep

10 inch.....per dozen,	\$6 50
12 " " "	8 00
18 " " "	15 00

10 inch.....per dozen,	\$5 00
12 " " "	6 00
15 " " "	8 00

ALUMINUM BRONZED TIN SHADES

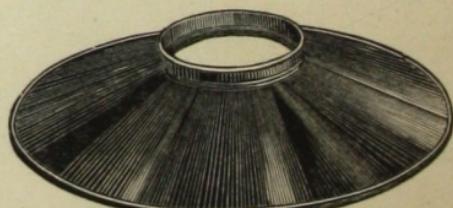


No. 2640

Deep Aluminum-Bronzed Shades

4½ inches deep

7 inch.....per dozen,	\$6 00
10 " " "	6 00
12 " " "	7 00



No. 2480

Extra Deep Aluminum-Bronzed Shades

6 inches deep

10 inch.....per dozen,	\$6 50
12 " " "	8 00
14 " " "	16 00

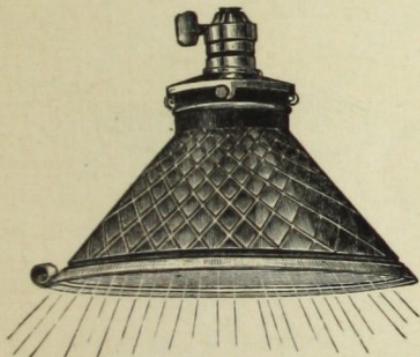
10 inch.....per dozen,	\$5 00
12 " " "	6 00
15 " " "	8 00

Use 14 inch No. 2470 shades for lighting Billiard Tables.

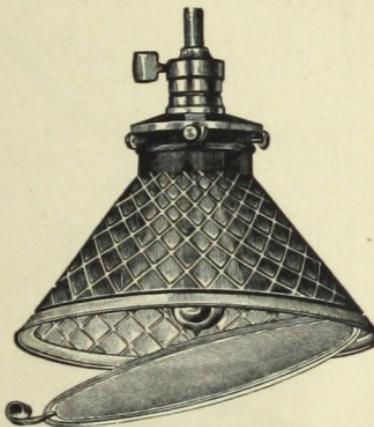
"KLEMM" "NON-GLARE" DESK SHADES

One of the best shades made for office use. It throws a mellow light where it is wanted, and entirely shields the eyes from glare. It has ground glass door on bottom which opens easily when you want to fix lamp.

Made to fit a 3½ inch holder.



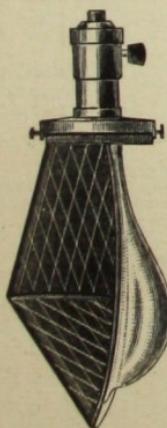
No. 260
Shade (closed)



No. 260
(Shade open for cleaning, etc.)

10 inch diameter.....	\$2 50
12 " "	3 00

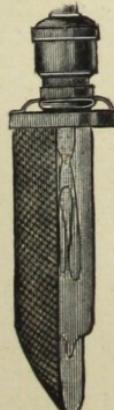
HALF SHADES For 2¼-Inch Holder



No. 280

No. 280 Corrugated Tin....\$0 60

CANDLE HALF SHADES For Lighting Show Cases

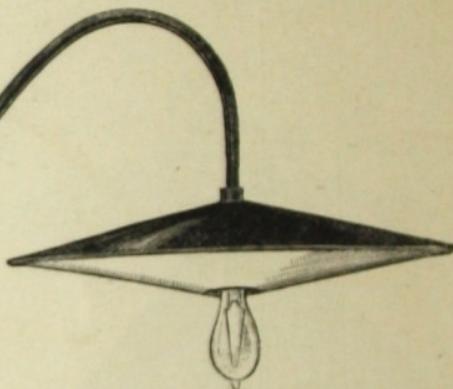


No. 281

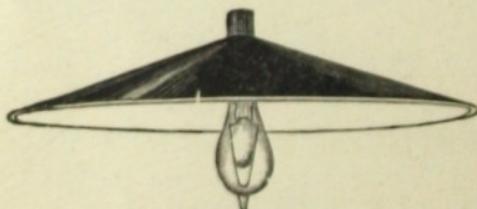
No. 281 Corrugated Tin....\$0 60
Price includes the holder.

"KLEMM" STREET HOODS AND BRACKETS

Hoods are a thorough protection for the socket for out-door lighting. Bracket is made of $\frac{3}{8}$ inch iron pipe, 24 inches long, and has large-sized crow-feet at back.



No. 300



No. 302

Plain Street Hoods

$3\frac{1}{2}$ inches deep

Painted green on top and white enameled reflector.

14 inch diameter.....

17 " "

24 " "

	With Bracket	Deflector	Complete Hood Only
12 inch.....	\$2 10		\$1 40
15 "	2 30		1 60
18 "	3 40		2 65

Brackets only.

24 inch long, $\frac{3}{8}$ inch pipe	\$0 70
30 " " $\frac{1}{2}$ " "	1 00

	With Bracket	Complete Hood Only
14 inch diameter.....	\$2 00	\$1 30
17 " "	2 30	1 60
24 " "		3 30

No. 303

Deep Cone Street Hoods

Same as No. 302—6 inches deep

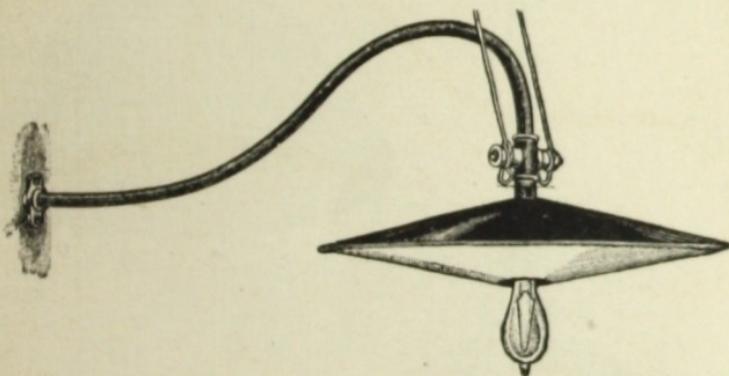
	Hood Only
15 inch diameter.....	\$1 60
18 " "	1 80

All of the above hoods are made for $\frac{3}{8}$ inch sockets with fittings to screw on either $\frac{3}{8}$ or $\frac{1}{2}$ inch pipe on the outside.

IN ORDERING, state whether $\frac{3}{8}$ or $\frac{1}{2}$ inch is wanted.

"KLEMM" STREET HOODS AND BRACKETS

An extra strong hood and bracket. Bracket is made of $\frac{1}{2}$ inch iron pipe 30 inches long, with heavy plate at the back, and insulators, with an entrance for the wires over hood.

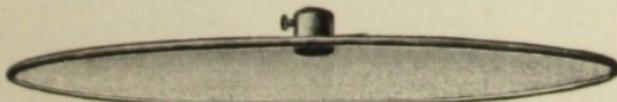


No. 704

Deflector Street Hood and Bracket

Made to take $\frac{3}{8}$ inch socket.

No. 704 15 inch hood (complete with bracket).....	\$3 30
No. 705 15 " " with top of hood made of copper (complete with bracket).....	4 20



No. 380

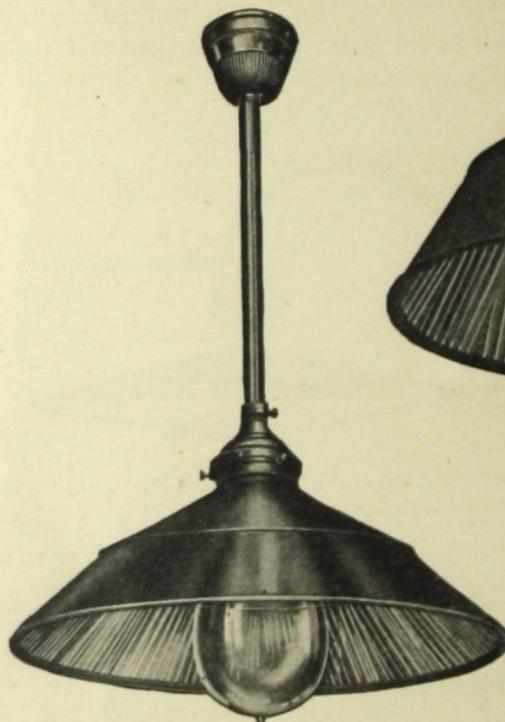
Porcelain-Enameled Steel Hoods

18 inches in diameter

No. 380 with fitting to slide $\frac{3}{8}$ inch pipe.....	\$3 30
No. 383 " $\frac{3}{8}$ inch female to $\frac{3}{8}$ inch male fitting.....	3 30
No. 386 " two lock-nuts to fasten on $\frac{1}{2}$ inch pipe.....	3 30

"KLEMM" TWO-CONE REFLECTORS

For Lighting Factories, Machine Shops and Warehouses



No. 1120

No. 1443

Made for use with High Candle Power Lamps. The No. 1443 can be used with 100, 150 or 250 Watt Lamps and can be hung high and will diffuse the light over a large space.

	With 2 ft. Stem and Fixture	Reflector Only
No. 1443 18 inch diameter, Corrugated Silvered Glass	\$13 25	\$10 00
22 " " " "	16 50	13 50
No. 1444 18 " " Aluminum Bronzed	6 60	3 30
22 " " " "	8 25	5 00

IN ORDERING, state the size of lamp desired to be used.

No. 1120

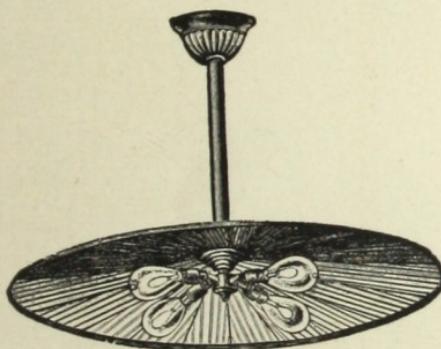
Silvered Glass Two-Cone Reflector

No. 1120 10 inch for 2½ inch holder.....	\$3 75
No. 1120 12 " " 3¼ " "	4 50

"KLEMM" FLAT-CONCAVE REFLECTORS

For Lighting Show Windows, Factories, Stores and Offices

Made of *Corrugated Silvered Glass* and of *Plain Mirror* and include a stem 18 inches long, with Canopy, Tripod and Cluster Body.



No. 717

Silvered Glass Flat-Concave Reflectors

Diameter	No. of Lights	Complete with Fixtures	Reflector Only
18 inch.....	3.....	\$5 50.....	\$3 65
20 "	4.....	6 60.....	4 50
22 "	6.....	8 50.....	5 50
24 "	8.....	10 00.....	6 75
30 "	10.....	15 00.....	11 00

No. 719

Plain Mirror Flat-Concave Reflectors

Diameter	No. of Lights	Complete with Fixtures	Reflector Only
18 inch.....	3.....	\$5 00.....	\$3 30
20 "	4.....	6 30.....	4 25
22 "	6.....	7 75.....	5 00
24 "	8.....	9 25.....	6 25
30 "	10.....	14 00.....	10 50

When the Reflector only is furnished, it is made to slip on a $\frac{3}{8}$ inch iron pipe and rests on top of the cluster body and requires no cluster holder.

Wiring and Sockets, \$1.00 per light extra.

"KLEMM" DOUBLE-CONE REFLECTORS

For Lighting Churches, Halls, Stores, Etc.

Finished with Polished or Brush Brass, Oxidized Copper Mouldings and Trimmings. Arranged for 40, 60 or 100 Watt Lamps.



No. 1117

Silvered Glass Double-Cone Reflectors

No. 1117d 25 inch diameter for 4 lights.....	\$25 00
No. 1117e 25 " " 5 "	26 50
No. 1117f 25 " " 6 "	28 00

Wiring and Sockets, \$1.00 each extra.

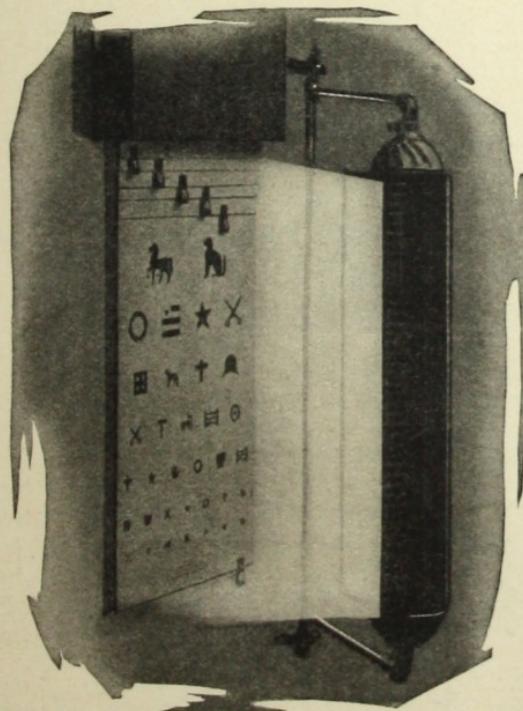
"KLEMM" ADJUSTABLE REFLECTORS

For Lighting Oculists' Test-Cards

Made 4 inches wide and 20 inches long and lined with Corrugated Silvered Glass.

Arranged with Ground Glass face so as to reflect an even light all over the test-card.

Finished dull-black.



No. 1716

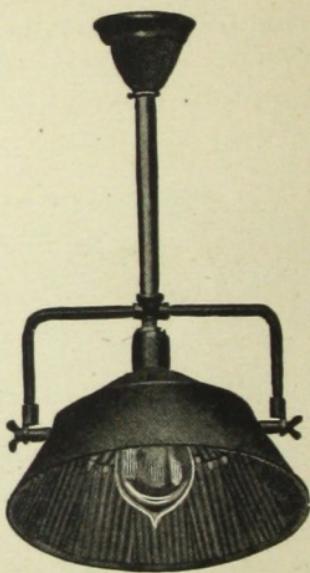
No. 1716 for 2 lights.....\$13 50

Price includes wiring and sockets.

Reflectors are mounted on frame so as to make them adjustable to almost any position or angle that may be required for lighting the test-card.

"KLEMM" ADJUSTABLE BOWLING-ALLEY REFLECTORS

For Lighting Bowling Alleys, Pictures and Store Windows



No. 910

Lined with Corrugated Silvered Glass and finished Dull Black. Four or five of these Reflectors evenly spaced, over the gutter between two alleys and one over each set of pins. Hang the Reflectors six feet from floor and adjust with the set-screws on each side so that the reflected light from one will melt into the light from the one in front of it. When so hung and adjusted, they will light two alleys brightly and evenly, without allowing the lamp to be seen by the player.

No. 910 Price, including Electric Socket.....\$10 00 each
No. 912 Same design as No. 910 with the Reflector finished
Aluminum instead of Silvered Glass..... 6 75

PICTURE LIGHTING STAND REFLECTOR

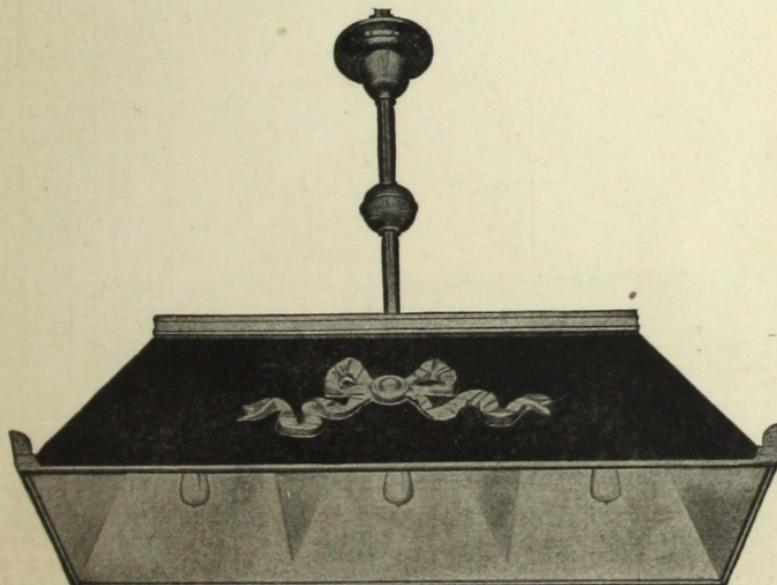
This style also makes an excellent Reflector for lighting pictures and can be arranged on an adjustable floor stand, which can be moved around a room to reflect the light on any desired picture.

No. 910 Arranged to hang from ceiling.....\$10 00 each
No. 911 Arranged on adjustable floor stand..... 16 50 each

"KLEMM" BILLIARD-TABLE REFLECTORS

Suitable for Lighting Billiard and Pool Tables

36 inches long by 15 inches wide, and finished Aluminum Bronze on the inside and Dark Green with gold ornamentation outside. Canopies and Fixtures are Brush Brass.



No. 991

No. 991 Arranged for three lights.....

No. 993 Same as No. 991, finished plain, without ornamentation.\$13.25

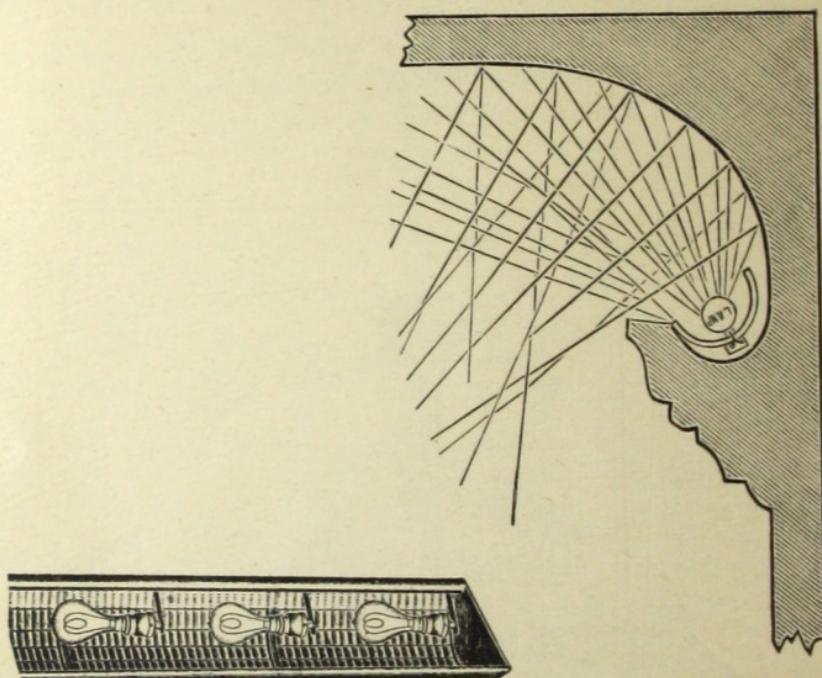
Wiring and Sockets, \$1.00 each extra.

These Reflectors, when hung about six feet from the floor, will light a billiard table perfectly and will, at the same time, screen the lights from the eyes of the players.

"KLEMM" CORNICE REFLECTORS

To Light Churches, Halls and Rooms

By Indirect Rays of Light.



No. 1255

Made to go on top of Cornice and reflect the light against ceiling. The light is diffused from ceiling over the whole room and, by that means, a mellow light is obtained over the room without the source of light being seen. Size of Reflector must be governed by width of Cornice, so that the Reflector will be hidden from view. Best results are obtained by having a light-colored ceiling and lights can be spaced 8 to 24 inches apart.

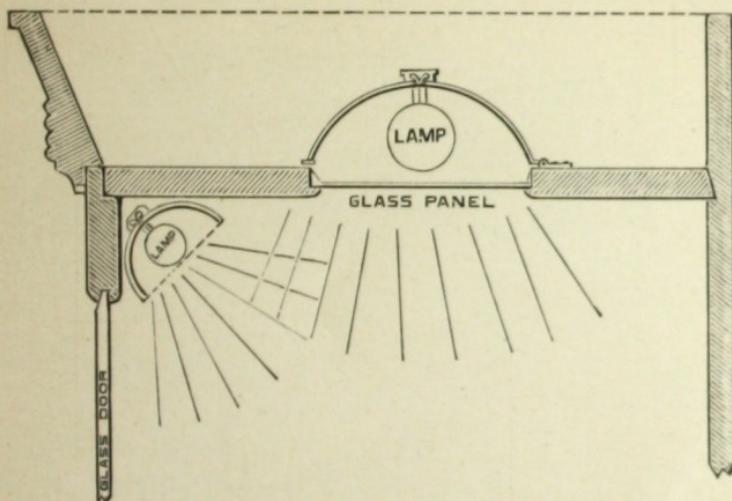
No. 1255x2—2½ inch, lined with Corrugated Silvered Glass,	\$2 00 per ft.
No. 1255x3—3 "	" " " " " " 2 10 "
No. 1255x4—4 "	" " " " " " 2 20 "
No. 1255x5—5 "	" " " " " " 2 50 "
No. 1255x6—6 "	" " " " " " 2 65 "
No. 1257x2—2 "	Corrugated Polished Metal 1 40 "
No. 1257x3—3 "	" " " " " " 1 45 "
No. 1257x4—4 "	" " " " " " 1 50 "
No. 1257x5—5 "	" " " " " " 1 75 "
No. 1257x6—6 "	" " " " " " 1 90 "

Sockets and Wiring charged at \$1.00 per light extra.

No. 1255x2, No. 1255x3, No. 1257x2 and No. 1257x3 require the use of tubular lamps.

"KLEMM" SHOW-CASE REFLECTORS

For Lighting Floor and Wall Cases



Above sketch illustrates two different modes of lighting Floor and Wall Cases. Centre Panel Reflector is hinged on one side and made to cover glass panels in ceiling of case. Reflectors (No. 1240, No. 1242, or No. 1244) when in place above ground glass panels, are entirely hidden from view, and will diffuse light over all contents of case.

The Corner Reflectors (No. 1248, or No. 1250) are made to extend entire length of case and are hidden from view by the wooden ledge at the top of case, and held in position by adjustable brackets at ends, which allow you to adjust the reflectors to get best results.

Centre Panel Reflectors

	Price Per Foot		
	8 inches wide	10 inches wide	12 inches wide
No. 1240 Lined with Corrugated Silvered Glass.	\$2 65	\$3 00	\$3 30
No. 1242 " " Opal Glass.....	2 65	3 00	3 30
No. 1244 " " Corrugated Polished Metal	1 75	2 00	2 20

Sockets and Wiring \$1.00 per light extra

Corner Reflectors

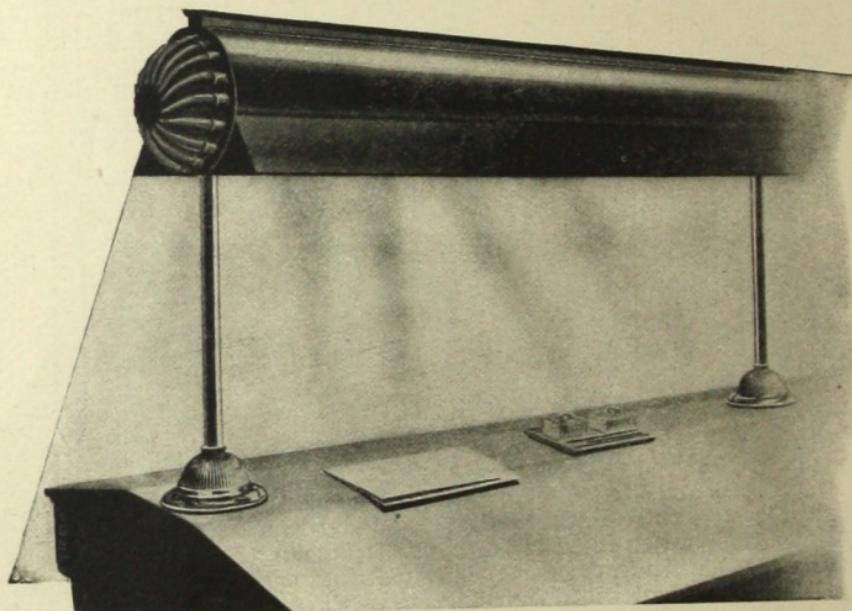
	Price Per Foot		
	2 inches wide	3 inches wide	4 inches wide
No. 1248 Lined with Corrugated Silvered Glass.	\$2 00	\$2 10	\$2 20
No. 1250 " " Polished Metal	1 40	1 45	1 50

Sockets and Wiring \$1.00 per light extra

Sockets can be spaced any distance apart desired.

"KLEMM" BOOKKEEPER'S DESK REFLECTORS

For Lighting Tables, Bookkeepers' Desks and
Drafting Tables



No. 1414

Fastened to top of desk by upright standards, or hung from ceiling, and regulated in height so as to light the whole of desk evenly and keep the light out of the eyes of the person at desk. Made to suit length of desks. Lights spaced one to two feet apart, according to the amount of light required. Finished Dead Black or Dull Green.

No. 1414x6	8 inch wide lined with Corrugated Silvered Glass,	\$3 50 per ft.
No. 1415x6	8 " " " "	Polished Metal, 2 25 "
No. 1416x5	6 " " " "	Silvered Glass, 3 00 "
No. 1417x5	6 " " " "	Polished Metal, 2 00 "

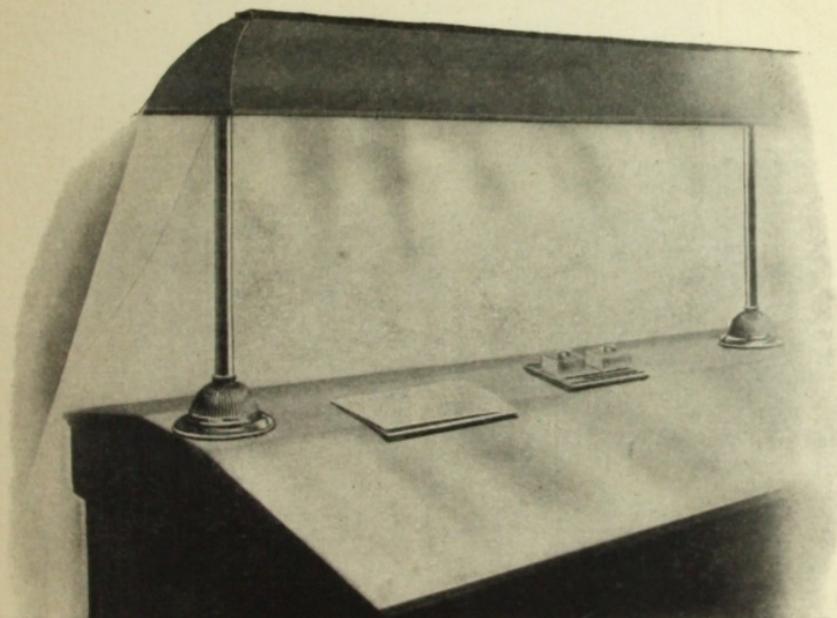
Sockets and Wiring \$1.00 per light extra. Standards to support Reflector charged at \$1.80 each extra.

Stock Quotation-Board Reflectors

Use either our No. 1416x5 or No. 1417x5 Reflectors with the brackets made to attach to wall or ceiling.

"KLEMM" BANK DESK REFLECTORS

For Lighting Tables and Bookkeepers' Desks



No. 1434

Lined with Corrugated Silvered Glass.

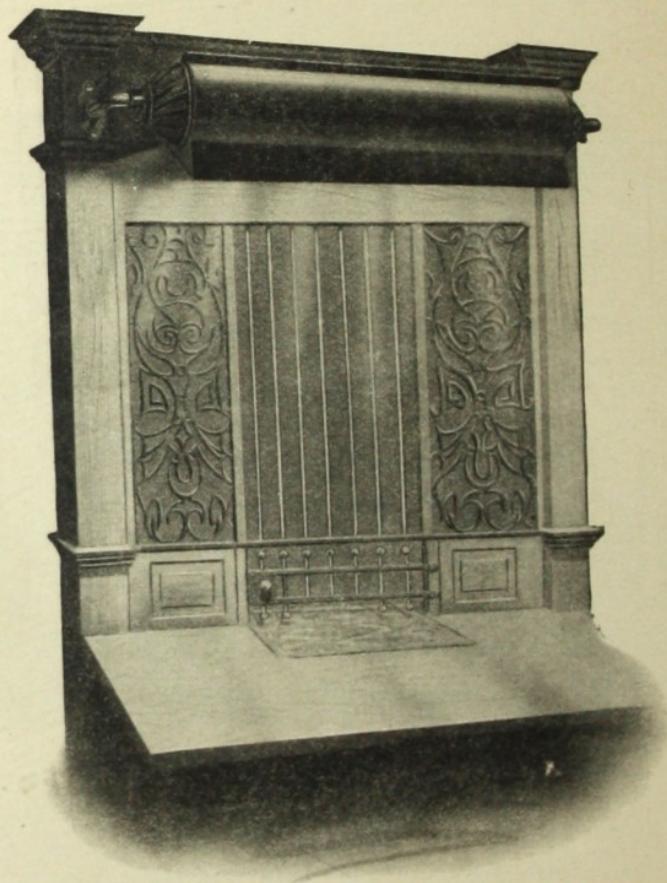
Fastened to top of desk by upright standards and regulated in height so as to light the whole of desk evenly and keep the light out of the eyes of the person at desk. Made of any required length to suit length of desks. Lights spaced one to two feet apart, according to the amount of light required. Measure 8 inches wide.

No. 1434 Finished Dull Black or Green.....	\$5 50 per foot
No. 1435 " Statuary Bronze.....	8 50 " "
No. 1436 " Brush Brass.....	12 50 " "

Sockets and wiring \$1.00 per light extra.

Standards to support reflector in place charged at \$1.80 each extra.

"KLEMM" COUNTING-HOUSE REFLECTORS
For Lighting Bank and Counting-House Desks



No. 1410

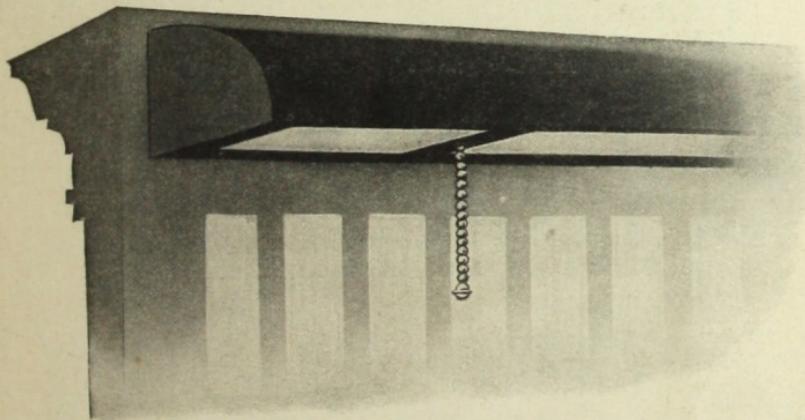
Lined with Corrugated Silvered Glass. Can be adjusted to any required angle for lighting desks. Measure 4 inches wide and made in lengths to fit spaces required to be lighted. Lights spaced one to two feet apart.

No. 1410 Finished Dull Black or Green.....	\$4 50 per foot
No. 1411 " Statuary Bronze	6 00 " "
No. 1412 " Brush Brass	9 00 " "

Sockets and Wiring \$1.00 per light extra. Brackets to hold reflectors in place, charged extra. Dull Black or Green finish at 60c, Brush Brass at \$1.20, Statuary Bronze at \$1.00 each.

This style of reflector can be mounted on standards similar to No. 1414 to be used on one-sided Bookkeepers' Desks. Standards extra at \$1.80 each.

"KLEMM" BANK-RAILING REFLECTORS
For Lighting Bank and Counting-House Desks



No. 1438

Lined with Corrugated Silvered Glass. Measure 5 inches wide and made in lengths to fit spaces required to be lighted. Lights spaced one to two feet apart. Arranged with diffusive glass on the bottom to conceal lamps and reflect the light evenly over desk.

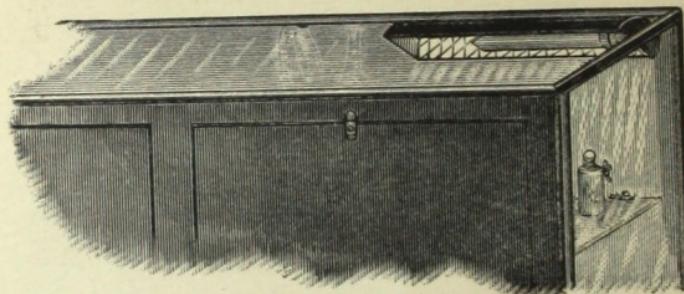
No. 1438	Finished Dull Black or Green.....	\$6 00 per foot
No. 1439	" Statuary Bronze	8 50 "
No. 1440	" Brush Brass	11 50 "

Keyless Sockets and Wiring \$1 00 per light extra

Pull-chain " " " 1 50 " "

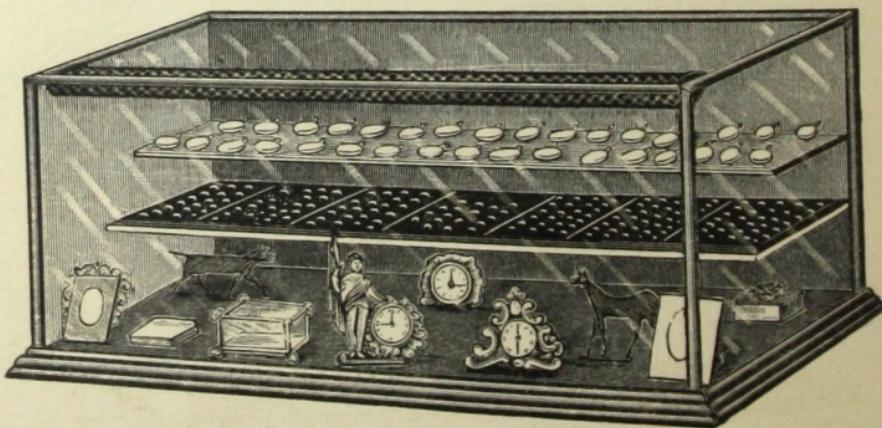
"KLEMM" ADJUSTABLE SHOW-CASE REFLECTORS

Made 2 inches wide and hung to front edge of show-case by small adjustable brackets at the ends. Can be adjusted to any angle to light up the goods and entirely hide the lamps.



No. 767

No. 767 10 inches long (for one light)	\$1 10
No. 768 20 " " (for two lights)	1 40



No. 769

Made in continuous lengths to fit inside of show-case and hung on small adjustable brackets at the ends. Lights spaced one to two feet apart.

No. 769 2 inch wide.....	\$1 40 per foot
No. 769½ 1½ " "	1 40 " "

Wiring and Sockets, \$1.00 per light extra.

No. 769 is made for use with Tubular Lamps.

No. 769½ " " " " Candelabra Base Lamps.

"KLEMM" SHOW-CASE REFLECTOR

Smallest and neatest Reflector for show-case lighting. Finished Bright inside and Dark Oxidized outside, and when fitted into a show-case is hardly noticeable, but diffuses a good light all over case.



End View

No. 888

Cut is $\frac{1}{3}$ the actual size of Reflector.

Price, per foot.....\$1 40

Wiring and Nickel-Plated Candelabra Socket, \$1.00 each extra.

Reflector is made in continuous lengths to fit inside of show case and fastens with small screws to round-corner strips which hold the plate glass. Sockets can be placed any distance apart.

In ordering, give exact inside measurement of show-case.

Show-Cases with Curved Ends can be fitted with this reflector. *Special Price for Curves.* To have Reflector to fit rightly, exact patterns of stiff paper must be made of the entire top glass of show-case, marking on it where any division strips in upright front glasses occur.

"KLEMM" Show-Case Pipe Work and Reflectors



No. 892

Fixture is made of $\frac{1}{2}$ or $\frac{5}{8}$ inch Brass Pipe with Nickel-Plated Sockets and Wiring. Made for Tubular Lamps. Finished on outside Jap-Bronze, Nickel-Plated or Brush Brass.

No. 892 Pipe Work @ \$1.20 per foot. Sockets, Reflectors and Wiring @ \$2.25 per light extra.

No. 892 $\frac{1}{2}$ (same as No. 892) made for Candelabra Lamps. (Prices the same.)

"KLEMM" THEATRE REFLECTORS

For Auditorium and Stage Use

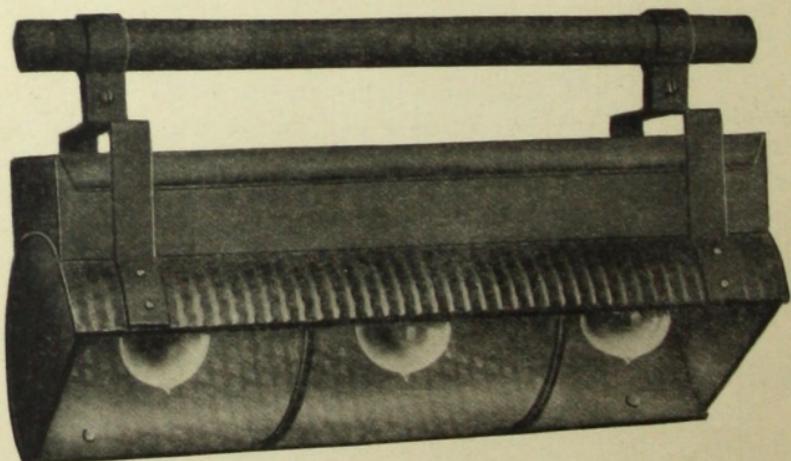


No. 1321

Exit Boxes

12 inches long by 10 inches high. Red glass with white letters on face.

No. 1321, including socket.....\$6 00



No. 1350

Border-Light Reflector to be raised and lowered

Made of corrugated 2XX Tin. Polished bright inside, lacquered to prevent tarnishing. Braced to an iron pipe over the top to stiffen the Reflectors. Ropes for hanging can be attached at any place on the length of the iron pipe. Measure 6½ inches in width.

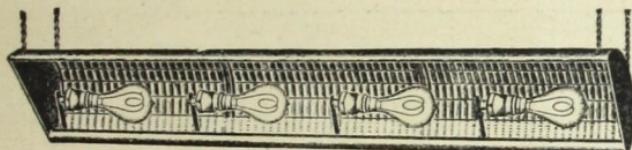
No. 1350 to raise and lower.....\$3 50 per foot

No. 1359 with brackets to screw to ceiling
or wall (without pipe to stiffen)..... 2 20 " "

Wiring and Sockets, \$1.00 per light extra.

"STANDARD" ADJUSTABLE REFLECTORS

For Lighting Store Windows, Art Galleries, Etc.



No. 940

Reflectors are 6 inches in diameter and placed at top of window near front glass. Hung on chains, which can be adjusted to any angle, thus reflecting the light where it is wanted.

Made of any length and for any number of lights.

No. 940 Lined with Corrugated Silvered Glass.\$2 65 per foot

No. 941 " " Plain Mirror Glass..... 2 50 " "

No. 942 " " Corrugated Polished Tin.. 1 80 " "

Sockets and Wiring, \$1.00 per light extra.

"KLEMM" ADJUSTABLE REFLECTORS

For Lighting Show-Cases and Windows



No. 948

Made in lengths to fit inside of Show-cases, or upright Corners of Show-windows, and hung on small adjustable brackets at the ends. Lined with *Corrugated Silvered Glass*.

No. 948 x 2 2½ inch wide.....\$2 00 per foot

No. 948 x 3 3 " " 2 10 " "

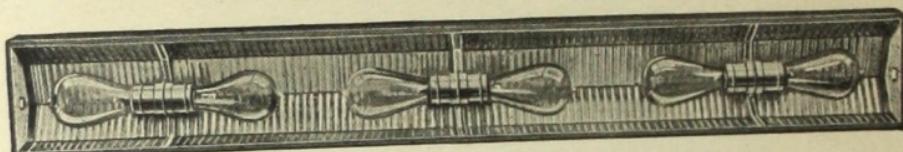
No. 948 x 4 4 " " 2 20 " "

Sockets and Wiring, \$1.00 per light extra.

These Reflectors can be made for 12 inch long tubular lamps.

"KLEMM" ADJUSTABLE REFLECTORS

For Lighting Show-Windows, Rug-Racks, Etc.



No. 1144

Reflectors are placed at top of window near front glass. Hung on brackets at the ends, and adjusted to any angle with set-screws, thus reflecting the light where it is wanted.

Made of any length, and for any number of lights.

IN ORDERING, please give the exact measurements of the space in which the Reflector is to fit.

No. 1144 x 4	4 inch wide	\$2 20 per foot
No. 1144 x 5	5 " "	2 50 " "
No. 1144 x 6	6 " "	2 65 " "

Wiring and Sockets, \$1.00 per light extra.

These Reflectors are lined with the finest quality *Corrugated Silvered Glass*.

No. 1146

Same as No. 1144, with the Reflectors lined with *Opal Glass*.

No. 1146 x 4	4 inch wide	\$2 20 per foot
No. 1146 x 5	5 " "	2 50 " "
No. 1146 x 6	6 " "	2 65 " "

Wiring and Sockets, \$1.00 per light extra.

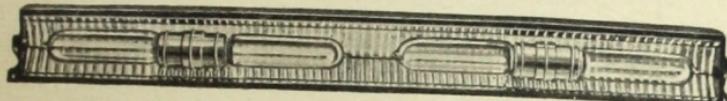
No. 1147

Same as No. 1144, with the Reflectors lined with *Corrugated Polished Metal*.

No. 1147 x 4	4 inch wide	\$1 50 per foot
No. 1147 x 5	5 " "	1 75 " "
No. 1147 x 6	6 " "	1 90 " "

Wiring and Sockets, \$1.00 per light extra.

"KLEMM" CONTINUOUS-LIGHT REFLECTORS For Lighting Show-Windows, Show-Cases, Etc.



No. 1148

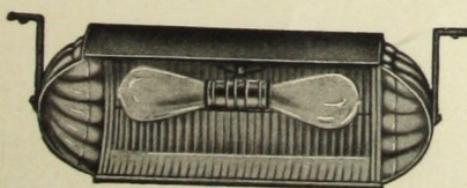
Made in lengths to fit spaces in Show-Windows and Cases, and hung on small adjustable brackets at the ends. Lined with Corrugated Silvered Glass, and lights are spaced so close together as to make almost one continuous line of light with the use of Tubular Lamps.

No. 1148 x 2	2½ inch wide	.....	\$2 00 per foot
No. 1148 x 3	3 "	.....	2 10 "
No. 1148 x 4	4 "	.....	2 20 "

Wiring and Sockets, \$1.00 per light extra.

Reflectors can be made for 12 inch long tubular lamps.

"KLEMM" ADJUSTABLE WINDOW REFLECTORS



No. 1151

Made for use in lighting where it is desired to separate the Reflectors into units. Hung on adjustable brackets at the ends. Measure 15 inches in length, and equipped with Twin-Socket in centre.

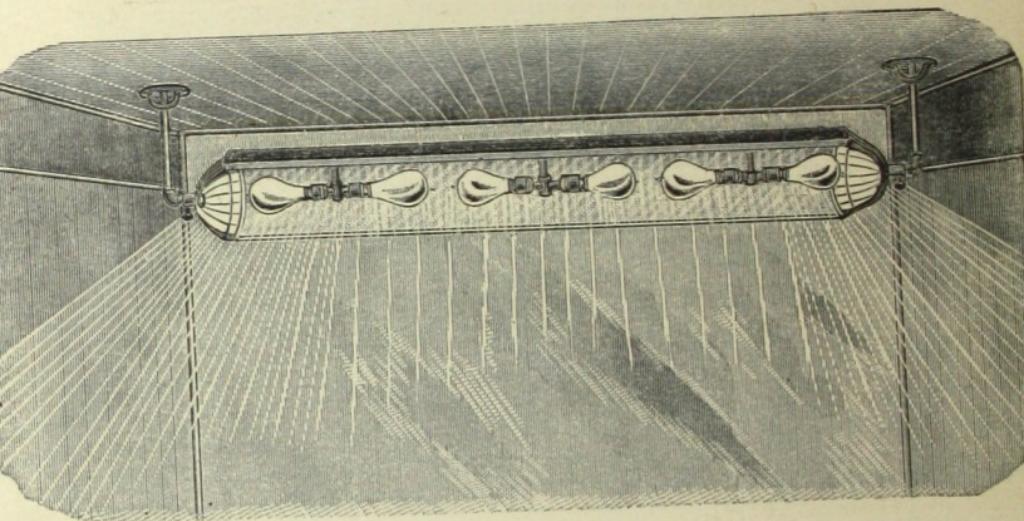
No. 1151	Corrugated Silvered Glass, 6½ inch wide.....	\$4 75
No. 1152	Corrugated Polished Tin " " "	3 75
No. 1153	Corrugated Silvered Glass, 5 inch wide.....	\$4 00
No. 1154	Corrugated Polished Tin " " "	3 25

Prices include Sockets.

No. 1153 and No. 1154 are made with flat ends instead of scoop ends as shown on cut.

"KLEMM" ADJUSTABLE REFLECTORS

For Lighting Show-Windows, Rug-Racks, Stock-Quotation Boards, Etc.



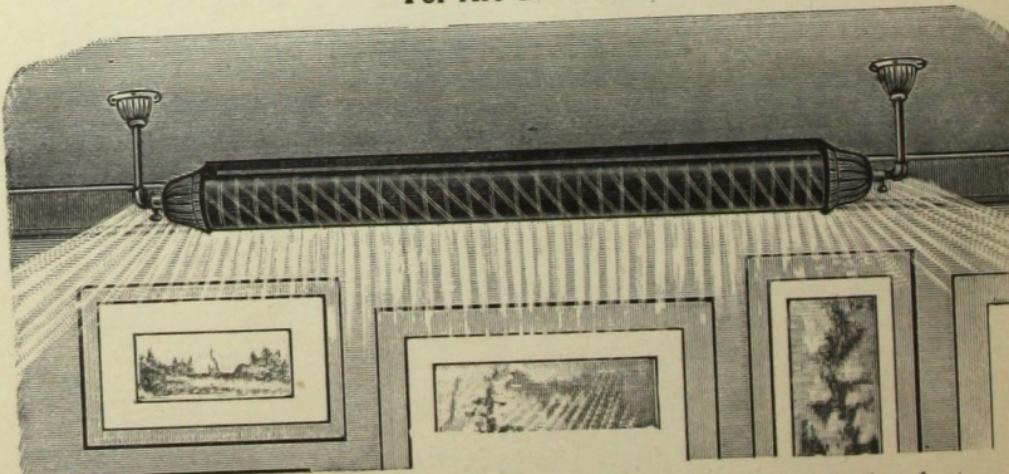
No. 239

Reflectors are placed at the top of window near front glass; are hung on brackets at the ends, and adjusted to any angle with set-screws, thus reflecting the light where it is wanted.

IN ORDERING, give exact measurement of the space in which Reflector is to fit.

Made of any length and for any number of lights.

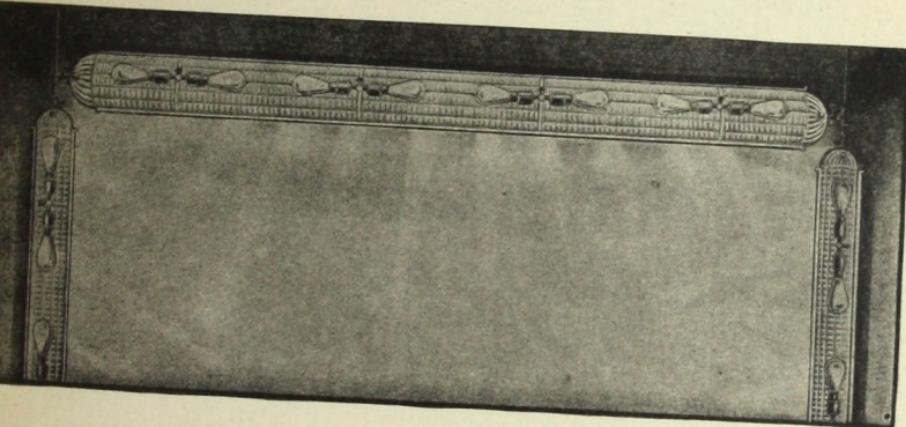
For Art Galleries



Reflectors hang on brackets from ceiling or walls, and placed at from 18 to 36 inches from wall, and can be adjusted (with set-screws at the ends) to reflect the light on the pictures where it is wanted.

"KLEMM" ADJUSTABLE REFLECTORS

For Lighting Show-Windows, Rug-Racks, Stock-Quotation
Boards, Etc.



Shaped to Reflect the Light Where it is Needed like a
Locomotive Headlight

No. 932

This cut shows our No. 932 Adjustable Reflector placed close to ceiling of a show-window, and No. 932½ Adjustable Reflectors placed vertically in the two corners of window. When these Reflectors are so used, the best results in window lighting are obtained.

IN ORDERING, give exact measurement of space in which Reflector is to fit.

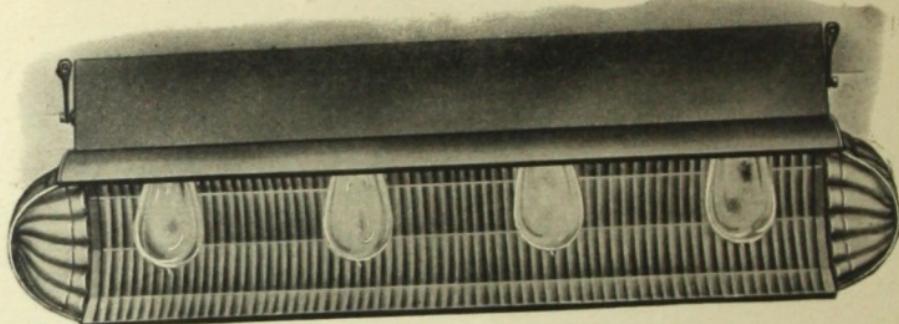
Made of any length and for any number of lights.

Price List of "Klemm" Adjustable Reflectors

No. 239	--6½ inch wide Corrugated Polished Metal..	\$2 00	per foot
No. 239½-4	" " " "	1 65	" "
No. 932	--6½ " " " Silvered Glass..	3 00	" "
No. 932½-4	" " " "	2 65	" "

Wiring and Sockets, \$1.00 per light extra.

"KLEMM" ADJUSTABLE REFLECTORS
For Lighting Store Windows, Art Galleries, Rug-Racks, Etc.



No. 1158

For Window-Lighting

Reflectors should be placed at the top of window as close as possible to front glass. If desired, part of the frames of Reflectors can be inserted into ceiling. Reflectors are fastened to ceiling by small brackets at the ends and can be adjusted to required angle for lighting window.

No. 1158 Lined with Corrugated Silvered Glass, @ \$3 30 per foot

No. 1159 " " Corrugated Polished Tin, @ 2 20 " "

Wiring and Sockets, \$1.00 per light extra.

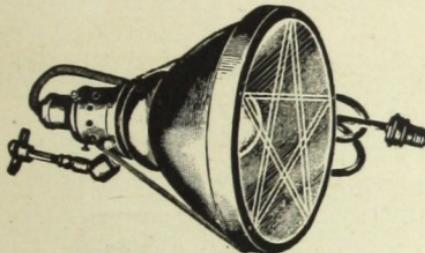
Made for use with 25, 40, 60 or 100 Watt Lamps.

IN ORDERING, mention size of lamp to be used.

RUG-RACK REFLECTORS

Reflectors are made in sections of 6 to 8 feet long, and hung around outside of the Rug-Rack will reflect the light evenly all over rugs in whatever position they may hang. If desired, sections of reflectors can be mitred at ends and bolted together, making a continuous reflector around entire rack. In ordering for Rug-Racks, mention that it is for that use and send extreme diameter of swing of the arms of rug-rack and also the distance from ceiling to top edge of rugs.

"KLEMM" SPOT-LIGHT REFLECTOR
For Reflecting a Flood of Light on a Certain Spot



No. 1000

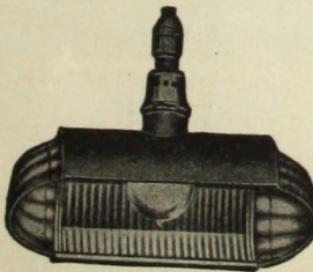
Screwed to the wall, ceiling or floor by a bracket having an adjustable fitting so that the reflector can be turned in any direction.

10 inch diameter, for 200 Watt Lamps.

No. 1000 Without Color Screen.....	\$13 25
No. 1000 With Color Screen and four sheets of gelatine (blue, red, amber and green).....	\$17 25

Prices include Sockets and Cord.

"KLEMM" ANGLED REFLECTOR



No. 1165

Made to fit on 2½ inch holders and used with 40, 60 or 100 Watt Lamps.

Should be placed as close to front glass of window as possible, and are shaped to reflect the light towards the bottom and back of window. 12 inches in length.

No. 1165 Lined with Corrugated Silvered Glass.....	\$2 75
No. 1166 " " Corrugated Polished Tin.....	1 60

IN ORDERING, mention the size of lamp to be used.

"KLEMM" ART GALLERY REFLECTORS

For Lighting Public and Private Art Galleries



No. 951

These Reflectors are specially designed to reflect light on walls where pictures hang.

They are made adjustable with set screws on each side of the Reflectors so that the Reflectors can be set correctly to reflect the light where it is wanted.

Hung 6 to 10 feet apart they will make a perfectly even illumination.

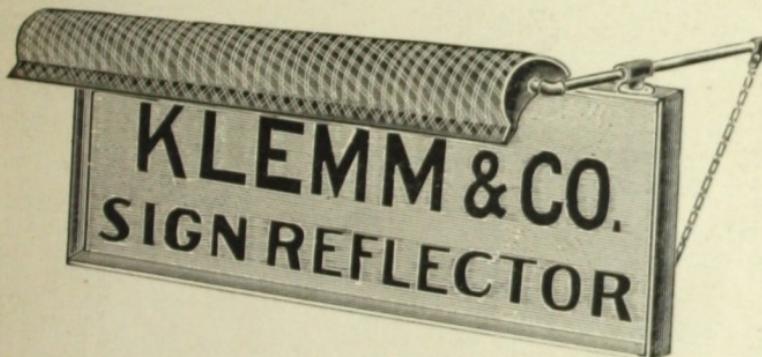
Measure 20 inches in width and arranged for two sockets.

No. 951 Lined with Corrugated Silvered Glass \$22 00

Sockets and Wiring \$1.00 per light extra.

"KLEMM" ADJUSTABLE SIGN REFLECTORS

For Lighting Large Outdoor Signs



No. 1213

Sign Reflector

Lined with Aluminum Bronze

No. 1213	Made of Copper, 6 inches wide.....	\$3 50 per foot
No. 1214	" " Iron, 6 inches wide	3 00 "
No. 1215	" " Copper, 4 inches wide	2 75 "
No. 1216	" " Iron, 4 inches wide	2 10 "

Lined With Opal Glass.

No. 1914	" " Copper, 6 inches wide	5 50 "
No. 1915	" " Copper, 4 inches wide	4 50 "

Weatherproof Sockets and Wiring at \$1.00 per light extra.

Brackets \$2 00 each extra.

Reflectors are swivelled on the ends of brackets, made of pipe, and the brackets fasten to top edge of sign, or wall over the sign. By placing Reflectors at proper distance from sign, and adjusting them to proper angle, signs of various heights can be illuminated evenly.

IN ORDERING, mention the height and length of sign.

"KLEMM" SIGN LAMPS

For Outdoor Sign Use and Signs Inside of Stores



No. 1226

Made with metal frames and have two faces of Opal Glass on which can be painted any lettering desired. Made with or without bracket.

Arranged for one light inside the lamps, which will illuminate the two faces.

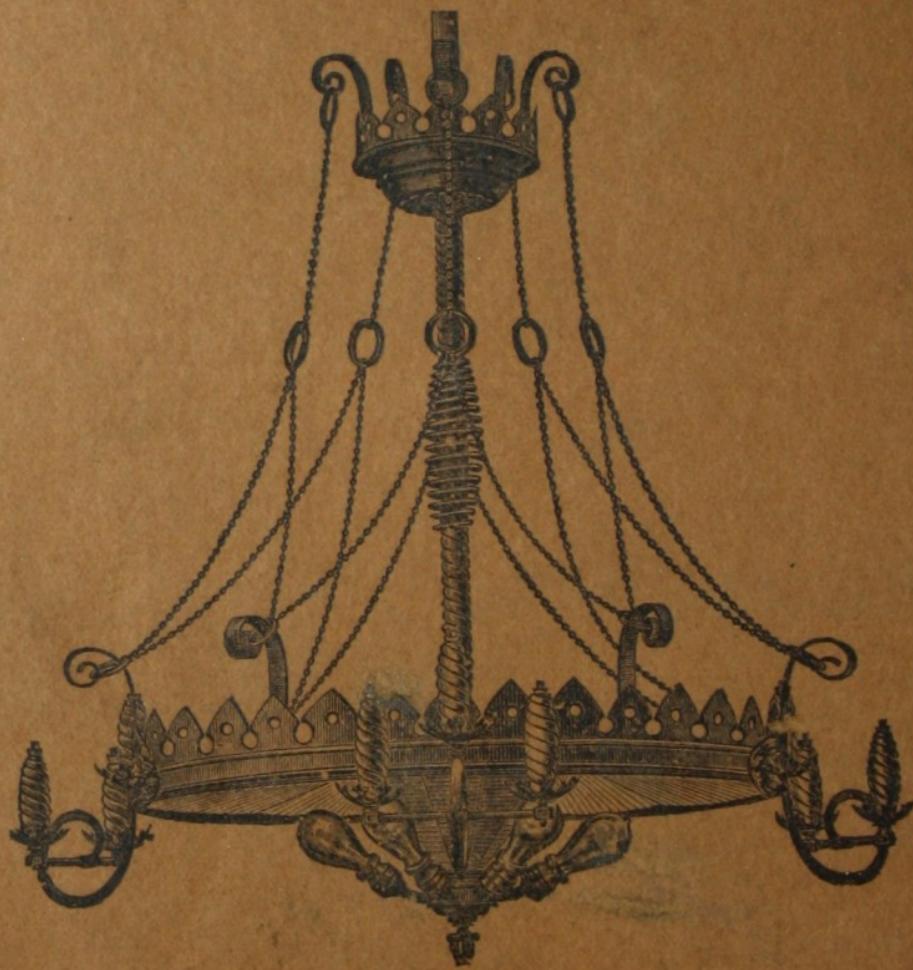
No. 1226	10 inch diameter of face	\$12 00
No. 1228	12 " " " "	14 00
No. 1230	14 " " " "	16 50

Bracket extra, \$2.00.

Wiring and socket, \$1.00 extra.

Lettering extra, 30c per letter.





No. 37

Combination Silvered Glass Flat-Cone Reflectors

Finished in Black Wrought Iron

Made in sizes for 3 to 50 lights

Send for Price List

Prices on this Catalogue Do Not Include Wiring or Sockets,
except where so mentioned.